

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐NAME OF COMPANY OR OPERATOR Town Oil Co. DATE 3-2-84
Rt. 4 Paola Kansas
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Jochim</u>	Well number <u>D-3</u>	Elevation (ground) <u>970</u>	
WELL LOCATION (give footage from section lines) <u>165</u> ft from (N) <u>15</u> sec line <u>1803</u> ft from (E) <u>34</u> sec line			
WELL LOCATION Section <u>32</u> Township <u>44</u> Range <u>33</u>	County <u>Cass</u>		
Nearest distance from proposed location to property or lease line <u>165</u> feet		Distance from proposed location to nearest drilling completed or applied - for well on the same lease <u>327</u> feet	
Proposed depth <u>450'</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>When approved</u>	
Number of acres in lease <u>40</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir _____ Number of abandoned wells on lease _____		
If lease purchased with one or more wells drilled from whom purchased Name _____ Address _____		No. of Wells producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt _____ Blanket Bond <input checked="" type="checkbox"/> Amt <u>20,000</u>		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED	
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed			
Proposed casing program amt <u>450'</u> size <u>2"</u> wt/ft <u>3.75</u> to surface		Approved casing To be filled in by State Geologist amt <input checked="" type="checkbox"/> size <input checked="" type="checkbox"/> wt/ft <input checked="" type="checkbox"/> cem. <input checked="" type="checkbox"/>	
I, the undersigned, state that I am the <u>Partner</u> of the <u>Town Oil Company</u> (company) and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>Justin Town</u>			

Permit Number 20415Approval Date 4/1/84Approved By Wallace B. Dwyer

Note: This Permit not transferable to any other person or to any other location

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature

MO. OIL & GAS COUNCIL

☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIREDWATER SAMPLES REQUIRED ☐

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☒ Gas ☐ Dry ☐

Owner
Town Oil Co.

Address
Rt. 4 Paola, KS. 66071

Lease Name
Jochim

Well Number
D-3

Location
165' FNL 1803' FEL

Sec.—TWP-Range or Block & Survey
32-44-33

County
Cass

Permit number (OGC3 number)
20415

Date spudded
6-8-84

Date total depth reached
6-11-84

Date completed, ready to produce
6-11-84

Elevation
(DF, RKB, RT or Gr.)
feet

Elevation of casing
hd. flange
feet

Total depth
536

P. B. T. D

Producing interval (s) for this completion

Rotary tools used (interval)
From 0 to 536
Drilling Fluid used

Cable tools used (interval)
From to

Was this well directionally drilled?

Was directional survey made?

Was copy of directional survey
filed?

Date filed

No

Type of electrical or other logs run (list logs filed with the State Geologist)

Date filed

Copy attached

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft.)	Depth set	Sacks cement	Amt. pulled
Surface	9	6 1/4		17.8	3	
Completion	5 1/8	2"		431.70	to surface	

TUBING RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
1	402						

LINER RECORD

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
2	1 11/16 alum	405-409	45 sx sand	
			220 gal. 15% acid	

INITIAL PRODUCTION

Date of first production

Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

Covered with dirt

CERTIFICATE: I, the undersigned, state that I am the partner of the Town Oil Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

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JUN 14 1991

Signature

Lester Town
by Jyle

MO Oil & Gas Council

Remit two copies: one will be returned.

TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4
Paula, Kansas 66071

Well No. D-3
Farm Owner: Jochim
Cass County, Missouri
Well Owner: Town Oil Co.

Completed: 6-11-84

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	Surface Soil	3
3	Clay	6
34	Lime	40
4	Shale & Slate	44
20	Lime	64
5	Shale & Slate	69
2	Lime	71
1	Shale	72
9	Lime	81 Hertha
3	Shale & Slate	84
2	Lime Shells	86
8	Sand	94
6	Shale	100
43	Sand	143
40	Shale	183
20	Shale	203
3	Shale & Slate	206
1	lt. Shale	207
2	Lime Shells	209
5	Sand	214
4	Sand	218
2	Sand	220
29	Shale	249
10	Shale	259
1	Shale	260
2	Slate	262
21	Shale	283
2	Shale & Slate	285
3	Lt. Shale	288
3	Sand	291
5	Lime	296
2	Shale	298
7	Lime	305
1	Shale	306
3	Sand	309
4	Shale	313
11	Shale	324
3	Lime	327
3	Slate	330
1	Lt. Shale	331
5	Sand	336
2	Lime	338

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Well No. D-3
 Farm Owner: Jochim
 Cass County, Missouri
 Well Owner: Town Oil Co.

WELL LOG (Cont'd)

Thickness of Strata	Formation	Total Depth
2	Shale	340
16	Lime	356
3	Lime Shells	359
2	Lime	361
5	Shale	366
2	Lime	368
1	Shale	369
1	Lime	370
1	Shale	371
5	Lime	376
3	Shale & Slate	379
1	Lt. Shale	380
3	Lime Shells	383
6	Shale	389
7	Shale	396
2	Slate	398
2	Lt. Shale	400
1	Shale	401
2	Sand	403
.5	Shale	403.5
2.5	Oil Sand	406
.5	Shale	406.5
1	Oil Sand	407.5
2.5	Shale & Shells	410
14	Shale	424
4	Shale	428
1	Lime	429
3	Shale	432
1	Lime	433
8	Sand	441
15	Shale	441
6	Shale	456
1	Slate	462
4	Shale	463
1	Shale & Slate	467
2	Coal	468
6	Lime	470
3	Shale & Slate	476
2	Lt. Shale	479
4	Shale	481
1	Lt. Shale	485
1	Coal	486
2	Lt. Shale	487
6	Sand	489
2	Shale	495
1	Lt. Shale	497
1	Lime	498
3	Red Bed	499
8	Shale	502
		510

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MO Oil & Gas Council

Well No. D-3
Farm owner: Jochim
Cass County, Missouri
Well owner: Town Oil Co.

WELL LOG (Cont'd)

Thickness of Strata	Formation	Total Depth
3	Shale & Slate	513
1	Lt. Shale	514
7	Shale	521
1	Lime	522
4	Shale	526
1	Sand	527
9	Shale	<u>536</u> T.D.

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MO Oil & Gas Council

TOWN OIL COMPANY

Route 4
Paola, Kansas 66071

"Drilling and Production"

913-294-2125

June 5, 1991

Mr. Kenneth Deason
Department of Natural Resources
Division of Geology and Land Survey
P.O. Box 250
Rolla, Missouri 65401

Dear Mr. Deason:

Enclosed are copies of completion reports, plugging reports or cancellation reports in answer to your letter of November 6, 1990 on the Bailey, Long & Smith, Bauerle, Bauman, Hughes and Jochim leases.

We can find no applications to drill on the Bailey Wells #W-1, W-3 and W-4 but they were definitely not drilled. Please cancel these three applications.

If you need any further information, please don't hesitate to contact us.

Sincerely,

Lester Town

Lester Town

LT/db

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Oil & Gas Council